

ONLINE SEARCH REQUEST FORM

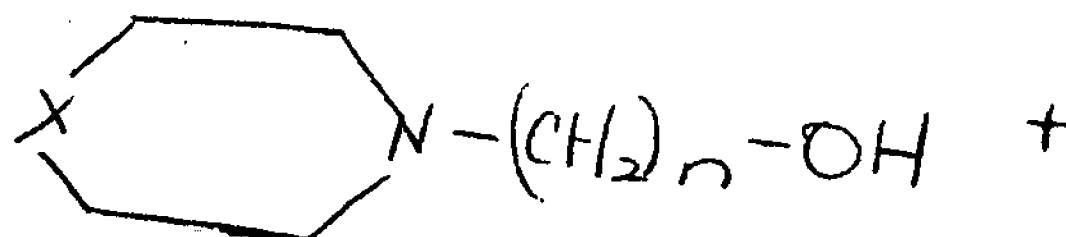
USER Northington SERIAL NUMBER 07/117283

ART UNIT 121 PHONE X8871 DATE 2/23/88

Please give a detailed statement of requirements. Describe as specifically as possible the subject matter to be searched. Define any terms that may have special meaning. Give examples or relevant citations, authors, or keywords, if known.

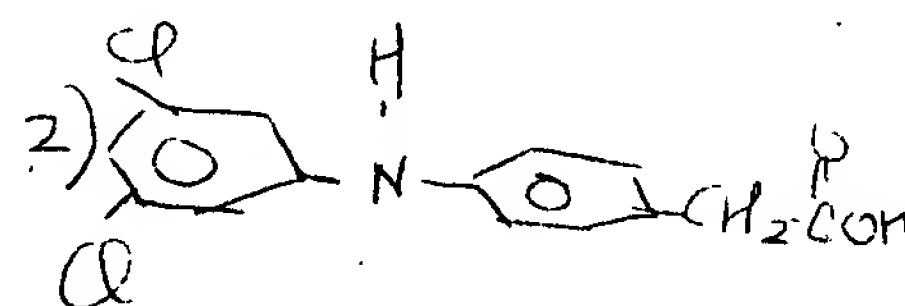
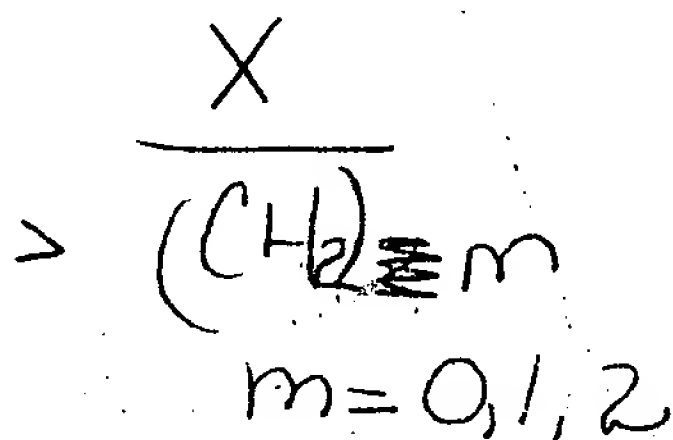
You may include a copy of the broadest and or relevant claim(s).

base



salt

1) ~~diclofenac~~
diclofenac
sodium

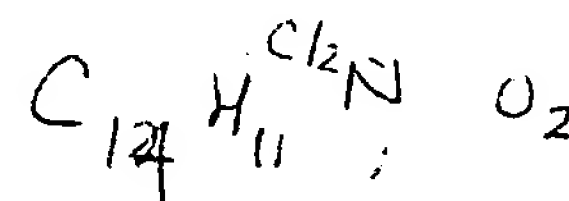


> O

> S

> NR

R = C₁₋₄



CRN

STAFF USE ONLY

COMPLETED 2-24-88
SEARCHER JOHN D
ONLINE TIME 40 TOTAL TIME 50
(in minutes)
NO. OF DATABASES 1

SYSTEMS 19
☒ CAS ONLINE
☐ DARC/QUESTEL
☐ DIALOG
☐ SDC
☐ OTHER

FILE 'CA' ENTERED AT 08:05:52 ON 24 FEB 88
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FILE LAST UPDATED: 20 FEB 88 (880220/ED) VOL 108 ISS 8

=> s 17 and (dichlofenac)/ab,bi
581 L7
11 (DICHLOFENAC)/AB
4 (DICHLOFENAC)/BI
L23 0 L7 AND (DICHLOFENAC)/AB,BI

=> fil hom
FILE 'HOME' ENTERED AT 08:07:15 ON 24 FEB 88

=> dis his
(FILE REGISTRY)

DEL HIS
ACT ZINA117/A

L1 SCR 1700
L2 SCR 1363 OR 1297
L3 STR
L4 STR
L5 STR
L6 STR
L7 543 SEA SSS FUL (L3 OR L4 OR L5 OR L6) AND L1 AND L

L8 32 S L7 AND (SALT OR COMPLEX)
L9 4 S DICLOFENAC
L10 0 S L9 AND C12H1CL2NO2
L11 0 S L9 AND C12H12CH2NO2
L12 0 S L9 AND C12H11CL2NO2
L13 1 S DICLOFENAC/CN
E C14H11CL2NO2/MF
L14 1 S E12
L15 215 S C14H11CL2NO2
L16 0 S L15 AND L7
L17 0 S C14H11CL2NO2/CRN
E 3333/CRN

FIL CA

FIL REG

FIL CA

L18 1 S L7 AND L15
L19 0 S L7 AND (DICLOFENAC)/AB,BI

FIL REG

L20 (4)S DICLOFENAC
L21 (1)S DICHLOFENAC
L22 0 S L7 AND (DICLOFENAC OR DICHLOFENAC) STE

FIL CA

L23 0 S L7 AND (DICHLOFENAC)/AB,BI

FIL HOM

=> fil hom
FILE 'HOME' ENTERED AT 08:07:34 ON 24 FEB 88

=>

long-wave absorption max. were used for detn. of substances having
several absorption max. Agreement with Beer's law at the recommended
absorption max. was verified.

KW drug detn UV spectrophotometry

IT Pharmaceutical analysis
(by UV spectrophotometry)

IT Spectrochemical analysis
(UV, of pharmaceuticals)

IT 50-62-4 59-92-7, analysis 69-43-2 86-34-0 104-06-3 304-84-7
311-45-5 456-59-7 596-51-0 637-07-0 790-69-2 1421-14-3
2019-16-1 2508-72-7 3339-11-5 3679-64-9 5874-97-5 7411-49-6
7635-51-0 13425-22-4 13636-10-7 14261-75-7 14976-57-9
15307-79-6 15823-89-9 ***20269-19-6*** 22664-55-7
32266-10-7 56974-46-0 61732-85-2
(detn. of, UV spectrophotometric)

=> s 17 and (diclofenac)/ab,bi

581 L7

425 (DICLOFENAC)/AB

258 (DICLOFENAC)/BI

L19 0 L7 AND (DICLOFENAC)/AB,BI

=> fil res

FILE 'REGISTRY' ENTERED AT 08:03:58 ON 24 FEB 88

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STRUCTURE FILE UPDATES: HIGHEST RN 113033-11-7

DICTIONARY FILE UPDATES: 20 FEB 88 (880220/ED) HIGHEST RN 113008-08-5

=>

L13 ANSWER 1 OF 1

RN 15307-86-5

IN Benzeneacetic acid, 2-[(2,6-dichlorophenyl)amino]- (9CI)

SY Acetic acid, [o-(2,6-dichloroanilino)phenyl]- (8CI)

SY N-(2,6-Dichlorophenyl)-o-aminophenylacetic acid

SY [o-(2,6-Dichloroanilino)phenyl]acetic acid

SY 2-(2,6-Dichloroanilino)phenylacetic acid

SY Diclofenac acid

SY Dichlofenac

SY Diclofenac

DR 87180-41-4, 76595-40-9

MF C14 H11 Cl2 N O2

CI COM

C1

.

.C:

C:

C. :C....NHC. :C

: :

: :

C :C C. C

. : .

.C: . C1

.C:

HO2CCH2

424 REFERENCES IN FILE CA (1967 TO DATE)

=> \$i17cand (diclofenac or dichlofenac) ste

L20 (4)DICLOFENAC

L21 (1)DICHLOFENAC

L22 0 L7 AND (DICLOFENAC OR DICHLOFENAC)

=> fil res

Best Available Copy

FILE 'REGISTRY' ENTERED AT 08:00:08 ON 24 FEB 88
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STRUCTURE FILE UPDATES: HIGHEST RN 113033-11-7

DICTIONARY FILE UPDATES: 20 FEB 88 (880220/ED) HIGHEST RN 113008-08-5

=> d 17

L7 ANSWER 1 OF 543

RN 94-88-2

IN 1-PiperidinePropanol, 2-methyl- (6CI, 7CI, 8CI, 9CI)

SY 2-Methyl-1-piperidinePropanol

MF C9 H19 N O

LC TSCA

Me.

C.

.C. .C.

.
.
N C

.C.

HO(CH2)3

REFERENCES IN FILE CAOLD (PRIOR TO 1967)

3 REFERENCES IN FILE CA (1967 TO DATE)

=> fil ca

FILE 'CA' ENTERED AT 08:00:31 ON 24 FEB 88

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FILE LAST UPDATED: 20 FEB 88 (880220/ED) VOL 108 ISS 8

=> s 17 and 115

581 L7

1164 L15

L18 1 L7 AND L15

=>

=> d all

L18 ANSWER 1 OF 1

AN CA86(14):96063x

TI Ultraviolet spectrophotometry in drug control. XX. Study on the effect of substitution and solvents in more recent medicinal substances with the chromophores of benzene rings in the molecules

AU Kracmar, J.; Alvarez Sotolongo, M.; Kracmarova, J.; Horska, E.; Petranova, J.; Moravcova, B.

CS Statni Ustav Kontrolu Leciv

LO Prague, Czech.

SO Cesk. Farm., 25(7), 243-57

SC 64-3 (Pharmaceutical Analysis)

DT J

CO CKFRAY

PY 1976

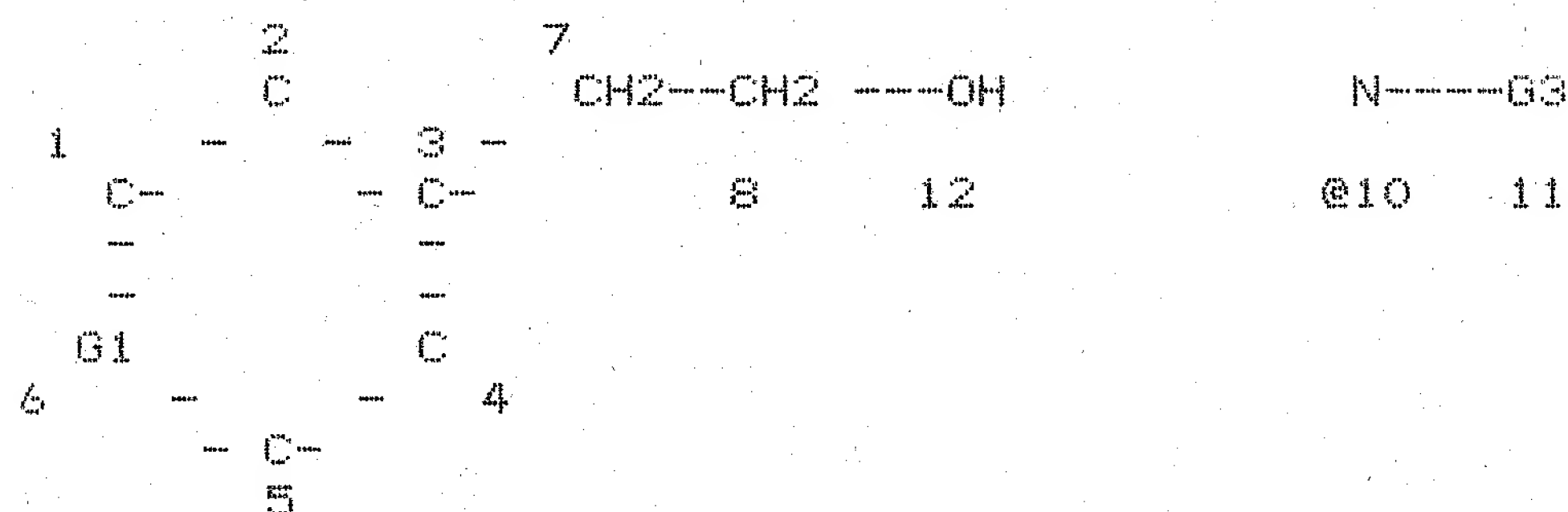
LA Czech

AB Thirty RPh, RC6H4-alkyl, RC6H4-halo, RC6H4O-alkyl, RC6H4OH, RC6H4N alkyl2, RC6H4NO2, RC6H4NH2NHaryl, and RC6H4Ch:N(N:N) drugs were characterized by the absorption bands E, K, B, and R and vibration structures of the bands K and B. Absorption max. at 255 nm were used for quant. detn. of active substances in drugs. More specific

only 1

GRAPH ATTRIBUTES:
 RSPEC I
 NUMBER OF NODES IS 9

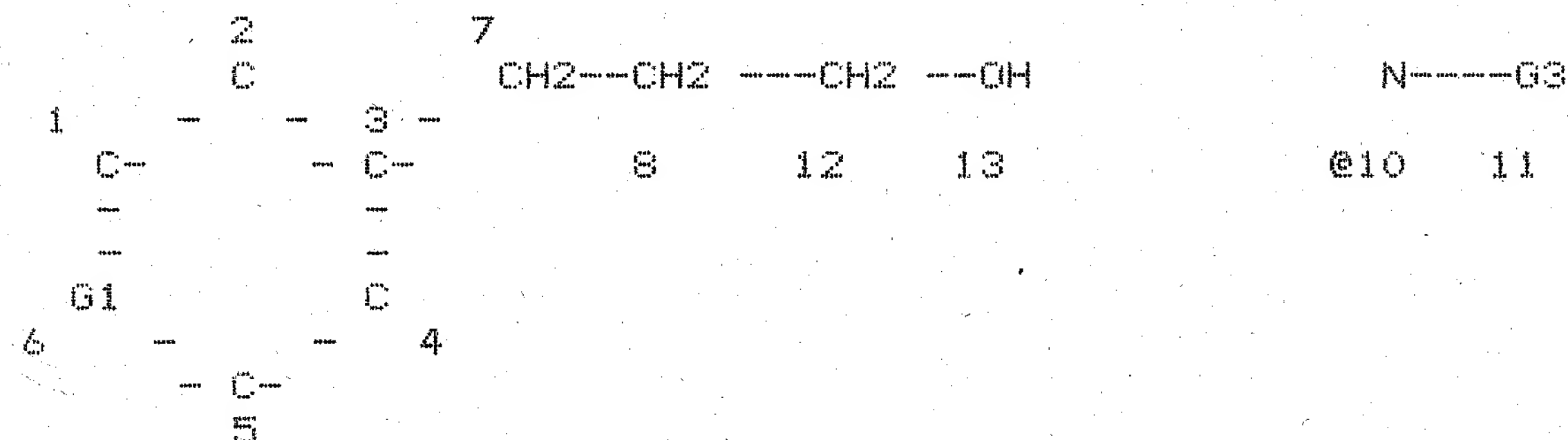
=> d 15
 'L5' HAS NO ANSWERS
 L5 STR



VAR G1=O/S/10
 VAR G3=ME/ET/I-PR/N-PR/I-BU/N-BU/T-BU/S-BU
 NODE ATTRIBUTES: NONE

GRAPH ATTRIBUTES:
 RSPEC I
 NUMBER OF NODES IS 11

=> d 16
 'L6' HAS NO ANSWERS
 L6 STR



VAR G1=O/S/10
 VAR G3=ME/ET/I-PR/N-PR/I-BU/N-BU/T-BU/S-BU
 NODE ATTRIBUTES: NONE

GRAPH ATTRIBUTES:
 RSPEC I
 NUMBER OF NODES IS 12

=> s c14h11cl2no2
 L15 215 C14H11CL2NO2

=> d115 and 17
 L16 0 L15 AND L7

=> s t14h11cl2no2/crn
 L17 0 C14H11CL2NO2/CRN

=>
 FILE 'CA' ENTERED AT 08:00:03 ON 24 FEB 88
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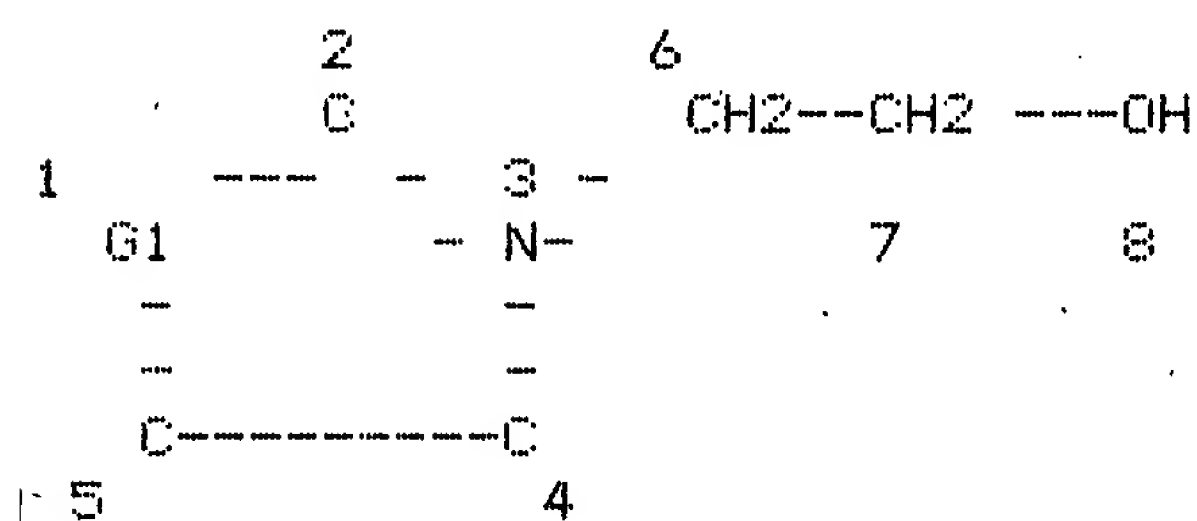
7      543 SEA SSS FUL (L3 OR L4 OR L5 OR L6) AND L1 AND L
-----
L8      32 S L7 AND (SALT OR COMPLEX)
L9      4 S DICLOFENAC
L10     0 S L9 AND C12H1CL2NO2
L11     0 S L9 AND C12H12CH2NO2
L12     0 S L9 AND C12H11CL2NO2
L13     1 S DICLOFENAC/CN
        E C14H11CL2NO2/MF
L14     1 S E12

```

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=> d 13
'L3' HAS NO ANSWERS
L3      STR

```



```

REP G1=(1-2) CH2
NODE ATTRIBUTES: NONE

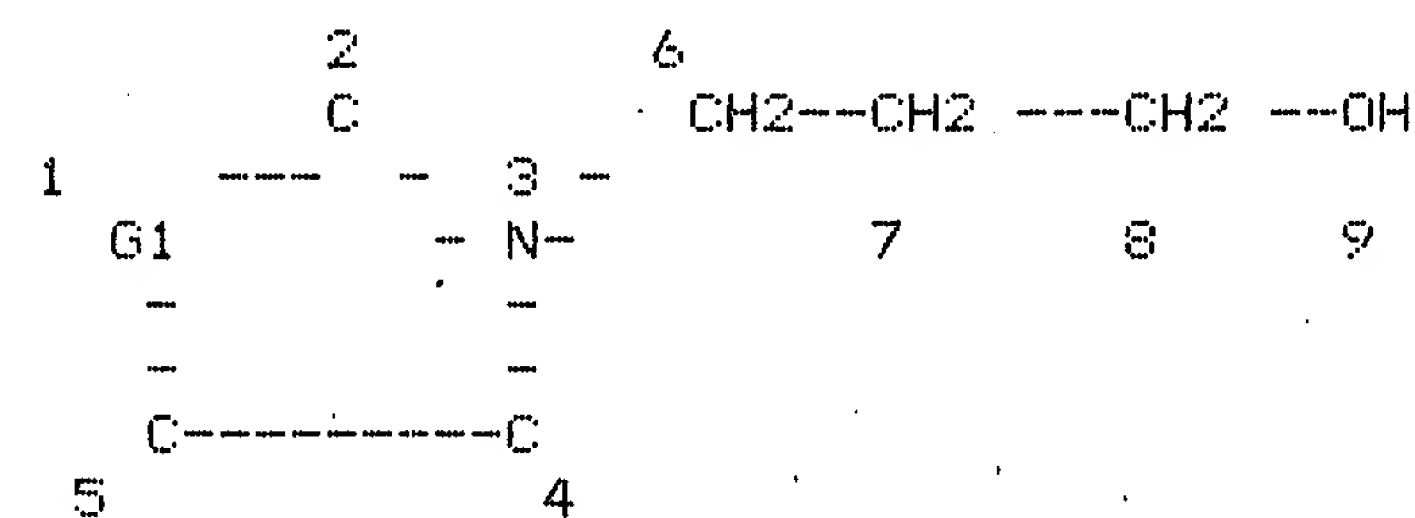
GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS 8

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=> d 14
'L4' HAS NO ANSWERS
L4      STR

```



```

REP G1=(1-2) CH2
NODE ATTRIBUTES: NONE

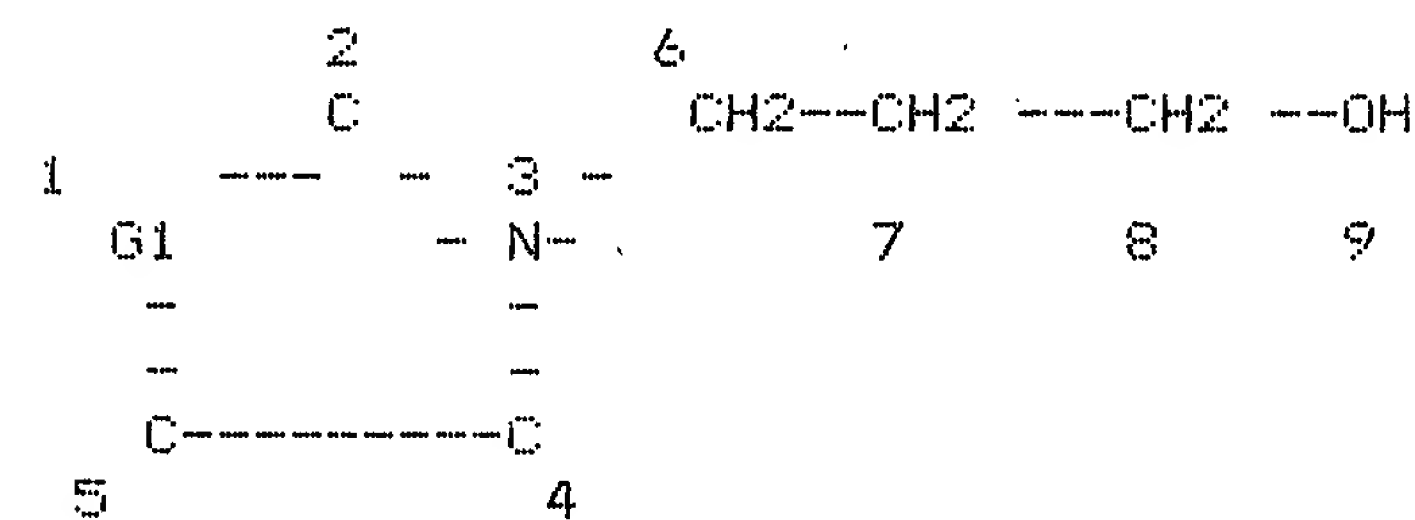
GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS 9

```

```

=> d 14
'L4' HAS NO ANSWERS
L4      STR

```



```

REP G1=(1-2) CH2

```